

CLAIMS

What is claimed is:

- 5 1. A method of treating with oxybutynin a human subject having overactive bladder, while minimizing an anticholinergic or antimuscarinic adverse drug experience associated with said oxybutynin treatment therapy comprising the step of:
administering a composition comprising oxybutynin to said subject as a
transdermal patch having a size of from 13 cm² to 39 cm², to provide a plasma area
10 under the curve (AUC) ratio of oxybutynin to an oxybutynin metabolite of from about 0.5:1 to about 5:1, wherein the transdermal patch optionally includes a permeation enhancer.
2. The method of claim 1, wherein the AUC ratio of oxybutynin to an
15 oxybutynin metabolite is from about 1:1 to about 5:1.
3. The method of claim 2, wherein the AUC ratio of oxybutynin to an oxybutynin metabolite is from about 0.8:1 to about 1.5:1.
- 20 4. The method of claim 1, wherein the metabolite of oxybutynin is N-desethyloxybutynin.
5. The method of claim 4, wherein the N-desethyloxybutynin is (R)-N-desethyloxybutynin, (S)-N-desethyloxybutynin or a combination thereof.
- 25 6. The method of claim 1, wherein the oxybutynin is a mixture of R-oxybutynin and S-oxybutynin.
7. The method of claim 6, wherein the oxybutynin is R-oxybutynin.
- 30 8. The method of claim 1, wherein the patch size is 13 cm².
9. The method of claim 1, wherein the patch size is 39 cm².

10. The method of claim 1, further comprising concurrently administering a plurality of patches to said subject.
11. The method of 10, wherein the plurality of patches is a plurality of 13 cm² patches.
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12. An article of manufacture for transdermal application comprising:
a transdermal patch including a composition of oxybutynin and optionally a permeation enhancer for administration to a human subject, wherein the patch provides, upon administration to said subject at a size of from 13 cm² to 39 cm², a plasma AUC ratio of oxybutynin to an oxybutynin metabolite from about 0.5:1 to about 5:1, and wherein said patch minimizes an anticholinergic or antimuscarinic adverse drug experience associated with the administration of oxybutynin.
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13. The article of manufacture of claim 12, wherein the AUC ratio of oxybutynin to an oxybutynin metabolite is from about 1:1 to about 5:1.
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14. The article of manufacture of claim 13, wherein the AUC ratio of oxybutynin to an oxybutynin metabolite is from about 0.8:1 to about 1.5:1.
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15. The article of manufacture of claims 12, wherein the metabolite of oxybutynin is N-desethyloxybutynin.
16. The article of manufacture of claim 15, wherein the N-desethyloxybutynin is (R)-N-desethyloxybutynin, (S)-N-desethyloxybutynin or a combination thereof.
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17. The article of manufacture of claim 12, wherein the oxybutynin is a mixture of R-oxybutynin and S-oxybutynin.
18. The article of manufacture of claim 17, wherein the oxybutynin is R-oxybutynin.
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19. The article of manufacture of claim 12, wherein the patch size is 13 cm².

20. The article of manufacture of claim 12, wherein the patch size is 39 cm^2 .

21. The article of manufacture of claim 12, further comprising concurrently
5 administering a plurality of patches to said subject.

22. The article of manufacture of claim 21, wherein the plurality of patches is a
plurality of 13 cm^2 patches.